

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Edmund A. HEBERT *et al.*

Attorney Docket No: 20002.0067A

Application No.: To Be Assigned

Group Art Unit: To Be Assigned

Filed: Concurrently Herewith

Examiner: To Be Assigned

For: **METHOD OF FORMING A MULTILAYER GOLF
BALL WITH A THIN THERMOSET OUTER
LAYER**

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to Applicants' duty of disclosure under 37 CFR §§ 1.97 and 1.98, enclosed is a Form PTO-1449 that lists one hundred eighty-five (185) references in reverse chronological order. Based on the Office's waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i), Applicants have not submitted copies of the U.S. patents and patent applications cited on the Form PTO-1449. In addition, the foreign patent documents and articles were either cited by the Examiner or submitted by Applicants during the prosecution of the parent application nos. 09/625,544, 09/207,690, and 08/863,788. Copies of these foreign patent documents and articles will be submitted on request by the Examiner.

It is respectfully requested that these references be made of record in this application by the Examiner's completion and return of the attached Form PTO-1449.

No fee is believed to be due for this submission, since it is being made before an initial Office Action on the merits of the above-identified application. Should any fee be required, however, please charge such fee to Swidler Berlin Shreff Friedman, LLP Deposit Account No. 195127, Order No. 20002.0067A.

Respectfully submitted,

SWIDLER BERLIN SHREFF FRIEDMAN, LLP



By: _____

Dated April 19, 2004

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FORM PTO-1449

INFORMATION DISCLOSURE
CITATION

Attorney Docket:

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Filing Date:

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U.S. PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA	6,503,156	01/2003	Sullivan	473	374	
	AB	6,368,237	04/2002	Sullivan	473	378	
	AC	6,315,684 B1	11/2001	Binette et al.	473	377	
	AD	6,309,313 B1	10/2001	Peter	473	378	
	AE	6,290,611 B1	09/2001	Rajagopalan et al.	473	371	
	AF	6,193,619	02/2001	Wu et al.	473	374	
	AG	6,190,268 B1	02/2001	Dewanjee	473	370	
	AH	6,152,834	11/2000	Sullivan	473	365	
	AI	6,149,535	11/2000	Bissonnette et al.	473	354	
	AJ	6,132,324	10/2000	Hebert et al.	473	378	
	AK	6,130,295	10/2000	Yokota	525	221	
	AL	6,126,559	10/2000	Sullivan	473	378	
	AM	6,117,025	09/2000	Sullivan	473	373	
	AN	6,117,024	09/2000	Dewanjee	473	351	
	AO	6,103,166	08/2000	Boehm et al.	264	250	
	AP	6,057,403	05/2000	Sullivan et al.	525	221	
	AQ	6,015,356	01/2000	Sullivan et al.	473	373	
	AR	6,012,997	01/2000	Mason	473	594	
	AS	6,004,226	12/1999	Asakura	473	373	
	AT	6,001,930	12/1999	Rajagopalan	525	92	
	AU	5,994,470	11/1999	Tanaka	525	183	
	AV	5,989,136	11/1999	Renard et al.	473	376	
	AW	5,984,807	11/1999	Wai et al.	473	376	
	AX	5,981,684	11/1999	Bruchmann et al.	528	45	
	AY	5,976,035	11/1999	Umezawa et al.	473	364	
	AZ	5,971,870	10/1999	Sullivan et al.	473	373	
	BA	5,959,059	09/1999	Vedula et al.	528	76	
	BB	5,948,862	09/1999	Sano et al.	525	89	
	BC	5,929,171	07/1999	Sano et al	525	261	
	BD	5,919,101	07/1999	Yokata et al.	473	374	
	BE	5,919,100	07/1999	Buchm et al.	473	354	
	BF	5,908,358	06/1999	Wu	473	378	
	BG	5,902,855	05/1999	Sullivan	525	221	
	BH	5,899,822	05/1999	Yamagishi et al.	473	374	
	BI	5,888,437	03/1999	Calabria et al.	264	135	
	BJ	5,885,173	03/1999	Keller	473	385	
	BK	5,885,172	03/1999	Hebert et al.	473	354	
	BL	5,861,465	01/1999	Hamada et al.	525	332.6	
	BM	5,859,153	07/1999	Kirk et al.	525	481	

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Draw line through citation if not in conformance and not considered.

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FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket: Serial No.:
20002.0067 09/625,544
Applicant: Examiner:
Edmund A. Hebert Edmund H. Lee
et al.
Filing Date: Group Art Unit:
July 25, 2000 1732

U.S. PATENT DOCUMENTS

Examiner Initial	Ref. No.	Document Number	Date	Name	Class	Sub-Class	Filing Date
	BN	5,856,388	01/1999	Harris et al.	524	320	
	BO	5,840,801	11/1998	Gardiner	525	54.44	
	BP	5,836,834	11/1998	Masutani et al.	473	374	
	BQ	5,836,833	11/1998	Shimosaka et al.	473	365	
	BR	5,833,553	11/1998	Sullivan et al.	473	374	
	BS	5,827,134	10/1998	Sullivan et al.	473	372	
	BT	5,820,488	10/1998	Sullivan et al.	473	374	
	BU	5,820,486	10/1998	Tanaka et al.	473	374	
	BV	5,820,485	10/1998	Hwang	473	361	
	BW	5,816,944	10/1998	Asakura et al.	473	372	
	BX	5,816,939	10/1998	Hamada et al.	473	357	
	BY	5,813,923	09/1998	Cavallaro	473	373	
	BZ	5,810,678	09/1998	Cavallaro	473	373	
	CA	5,803,831	9/1998	Sullivan et al.	473	374	
	CB	5,800,286	09/1998	Kakiuchi et al.	473	365	
	CC	5,797,808	08/1998	Hayashi et al.	473	364	
	CD	5,792,008	08/1998	Kakiuchi et al.	473	354	
	CE	5,779,562	07/1998	Melvin	473	373	
	CF	5,779,561	07/1998	Sullivan	473	373	
	CG	5,776,013	07/1998	Yokota	473	377	
	CH	5,772,530	06/1998	Kato	473	363	
	CI	5,766,096	06/1998	Maruko et al.	473	365	
	CJ	5,762,568	06/1998	Kato	473	365	
	CK	5,759,676	06/1998	Cavallaro	428	215	
	CL	5,749,796	05/1998	Shimosaka et al.	473	365	
	CM	5,744,549	04/1998	Lutz	525	129	
	CN	5,733,428	03/1998	Calabria et al.	264	134	
	CO	5,730,665	03/1998	Shimosaka et al.	473	376	
	CP	5,730,664	03/1998	Asakura et al.	473	373	
	CQ	5,730,663	03/1998	Tanaka et al.	473	373	
	CR	5,728,011	03/1998	Sugimoto et al.	473	357	
	CS	5,716,293	02/1998	Yabuki et al.	473	363	
	CT	5,713,802	02/1998	Moriyama et al.	473	374	
	CU	5,713,801	02/1998	Aoyama	473	354	
	CV	5,704,852	01/1998	Kato et al.	473	357	
	CW	5,697,856	12/1997	Moriyama et al.	473	374	
	CX	5,692,974	12/1997	Wu et al.	473	377	
	CY	5,692,973	12/1997	Dalton	473	374	

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Examiner Initial	Ref. No.	Document Number	Date	Name	Class	Sub-Class	Filing Date
	CZ	5,688,191	11/1997	Cavallaro et al.	473	373	
	DA	5,663,235	09/1997	Tanaka	525	201	
	DB	5,628,699	05/1997	Maruko et al.	473	363	
	DC	5,625,003	04/1997	Kato et al.	525	208	
	DD	5,609,535	03/1997	Morgan	473	378 X	
	DE	5,589,546	12/1996	Hiraoka et al.	525	193	
	DF	5,587,420	12/1996	Takizawa et al.	524	572	
	DG	5,586,950	12/1996	Endo	473	378	
	DH	5,585,440	12/1996	Yamada et al.	525	193	
	DI	5,575,472	11/1996	Magerman et al.	29	530	
	DJ	5,574,107	11/1996	Hiraoka et al.	473	378	
	DK	5,565,524	10/1996	Hamada et al.	525	208	
	DL	5,553,852	09/1996	Higuchi et al.	473	373	
	DM	5,543,467	08/1996	Hamada et al.	525	207	
	DN	5,496,496	03/1996	Kajita et al.	252	182.24	
	DO	5,494,958	02/1996	Freeman et al.	524	505	
	DP	5,484,870	01/1996	Wu	528	28	
	DQ	5,482,287	01/1996	Nesbitt et al.	273	232	
	DR	5,461,109	10/1995	Blair et al.	524	839	
	DS	5,421,580	06/1995	Sugimoto et al.	273	227	
	DT	5,415,937	05/1995	Cadorniga et al.	473	385 X	
	DU	5,334,673	08/1994	Wu	273	235 R	
	DV	5,314,187	05/1994	Proudfit	273	235 R	
	DW	5,253,871	10/1993	Viollaz	273	228	
	DX	5,252,652	10/1993	Egahira et al.	524	392	
	DY	5,184,828	02/1993	Kim et al.	273	228	
	DZ	5,150,905	09/1992	Yuki et al.	273	218	
	EA	5,141,233	08/1992	Yuki et al.	273	218	
	EB	5,131,662	07/1992	Pollitt	273	230	
	EC	5,112,556	05/1992	Miller	264	279	
	ED	5,072,944	12/1991	Nakahara et al.	273	220	
	EE	5,037,104	08/1991	Watanabe et al.	273	35	
	EF	5,025,059	06/1991	Mouri et al	524	495	
	EG	5,017,636	05/1991	Hattori et al.	524	300	
	EH	5,006,297	04/1991	Brown et al.	263	234	
	EI	5,006,288	04/1991	Rhodes et al.	264	46.6	
	EJ	5,002,281	03/1991	Nakahara et al.	273	220	
	EK	4,984,803	01/1991	Llort et al.	273	235 R	

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	EL	4,971,329	11/1990	Llort et al.	273	218	
	EM	4,968,752	11/1990	Kawamoto et al.	525	194	
	EN	4,959,000	09/1990	Giza	425	116	
	EO	4,931,376	06/1990	Ikematsu et al.	525	164	
	EP	4,919,434	04/1990	Saito	273	235 R	
	EQ	4,914,152	04/1990	Miyashita et al.	525	68	
	ER	4,858,924	08/1989	Saito et al.	273	62	
	ES	4,852,884	08/1989	Sullivan	273	230	
	ET	4,848,770	07/1989	Shama	273	228	
	EU	4,714,253	12/1987	Nakahara et al.	473	378	
	EV	4,692,497	09/1987	Gendreau et al.	525	263	
	EW	4,674,751	06/1987	Molitor et al.	273	235	
	EX	4,650,193	03/1987	Molitor et al.	273	228	
	EY	4,625,964	12/1986	Yamada	273	62	
	EZ	4,530,386	07/1985	Nakahira	152	315	
	FA	4,499,239	02/1985	Murakami et al.	525	111	
	FB	4,473,229	09/1984	Kloppenburg et al.	273	225	
	FC	4,431,193	02/1984	Nesbitt	273	235 R	
	FD	4,429,068	01/1984	Nakahira	524	302	
	FE	4,367,873	01/1983	Chang et al.	273	60 R	
	FF	4,310,582	01/1982	Stumpe, Jr.	428	182	
	FG	4,274,637	06/1981	Molitor	273	235 R	
	FH	4,267,217	05/1981	Brooker	428	374	
	FI	4,229,401	10/1980	Pocklington	264	248	
	FJ	4,203,941	05/1980	Brooker	273	217	
	FK	4,173,345	11/1979	Pocklington	273	217	
	FL	4,144,223	03/1979	Kent	260	42.47	
	FM	4,123,061	10/1978	Dusbiber	273	220	
	FN	4,062,825	12/1977	Watabe et al.	260	32 N	
	FO	4,033,900	07/1977	Hargis et al.	252	431 L	
	FP	3,992,014	11/1976	Retford	273	218	
	FQ	3,989,568	11/1976	Isaac	156	182	
	FR	3,965,055	06/1976	Shichman et al.	260	3	
	FS	3,940,145	02/1976	Grentiluomo	273	218	
	FT	3,926,933	12/1975	Naylor	260	94.3	
	FU	3,808,077	04/1974	Reiser et al.	156	102	
	FV	3,804,421	03/1974	Alex et al.	273	218	
	FW	3,666,272	05/1972	Walker et al.	273	218	

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FX	3,616,101	10/1971	Satchell et al.	161	7		
FY	3,572,722	03/1971	Harrison et al.	273	218		
FZ	3,572,721	03/1971	Harrison et al.	273	218		
GA	3,262,272	07/1966	Barakauskas et al.	60	39.05		
GB	3,239,228	03/1966	Crompton, III	273	218		
GC	3,177,280	04/1965	Ford et al.	264	275		
GD	3,147,324	09/1964	Ward	264	254		
GE	2,376,085	05/1945	Radford et al.	18	30		
GF	2,229,170	01/1941	Greene	273	62		
GG	1,558,706	10/1925	Mitzel				
GH	720,852	02/1903	Smith	473	374		
GI	704,748	07/1902	Kempshall	473	374		
GJ	700,658	05/1902	Kempshall	473	374		
GK	697,925	04/1902	Kempshall				

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-Class	Translation Yes/No
GL	GB 1 168 609	10/1969	United Kingdom				
GM	GB 1 209 032	10/1970	United Kingdom				
GN	EP 0577 058 A1	01/1994	European				
GO	GB 2 321 021 A	03/1997	United Kingdom				
GP	WO 00/57962	10/2000	PCT				
GQ	WO 98/37929	09/1998	PCT				
GR	EP 0 903 357 A1	03/1999	EPO				
GS	AU-A-16548/97	02/1997	Australia				
GT	AU-A-16547/97	02/1997	Australia				
GU	AU 703884	03/1997	Australia				
GV	GB 2,278,609	07/1994	United Kingdom				
GW	GB 2,291,817	07/1996	United Kingdom				
GX	GB 2,291,811	07/1996	United Kingdom				
GY	GB 2,291,812	07/1996	United Kingdom				

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OTHER DOCUMENTS (Including Author, Title, Date, etc.)

	GZ	Dewanjee, U.S. Patent Application Publication No. 2002/0039935 A1, April 4, 2002
	HA	Raj B. Durairaj et al., "Cast Polyurethanes From Resorcinol-Based Aromatic Diols" (Oct. 10-14, 1998).
	HB	Raj B. Durairaj, "HER Materials For Polyurethane Applications" (Spring, 1999).
	HC	Chapter 8 of Polyurethane Handbook, Solid Polyurethane Materials, (date of publication unknown), pp. 388-421 and 433-438; (Section 8.1, PUR Cast Systems, A. Atwater et al., pp. 388-421) (Section 8.3, Special Elastomers, K. Recker, pp. 433-438).

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